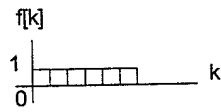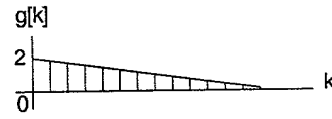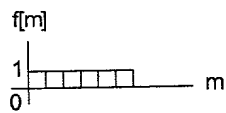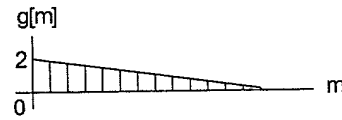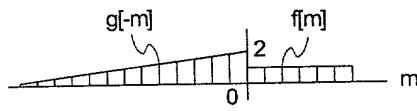FOCETT ; 2303050

Figure 1

Figure 2A

Figure 2B

Figure 2C

Figure 2D

Figure 2E
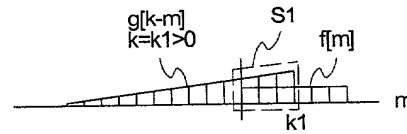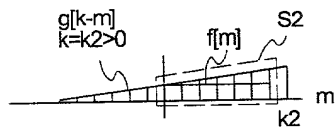
Figure 2F

Figure 2G
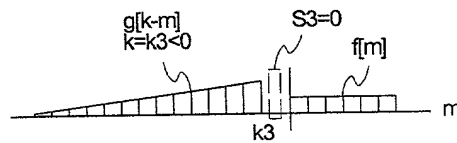
Figure 2H

Figure 2I
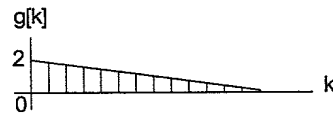
Figure 3A

Figure 3B
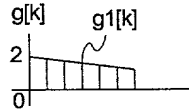
Figure 3C

Figure 3D
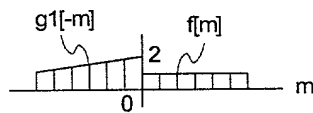
Figure 3E
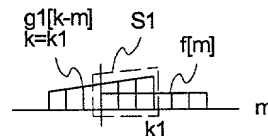
Figure 3F
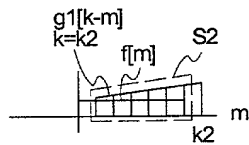
Figure 3G
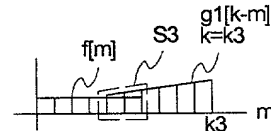
Figure 3H
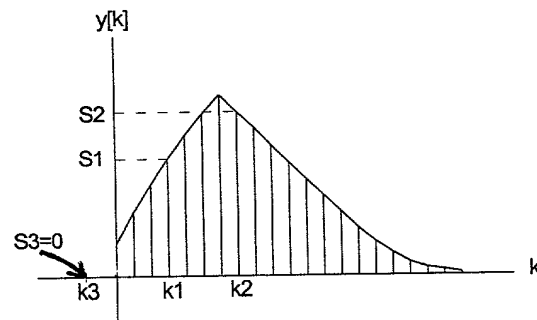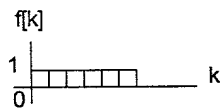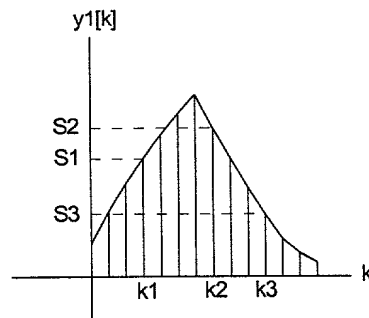
Figure 3I
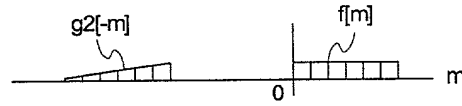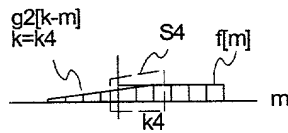
Figure 3J

Figure 3K
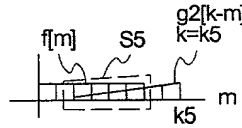
Figure 3L
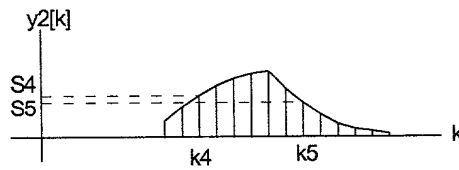
Figure 3M
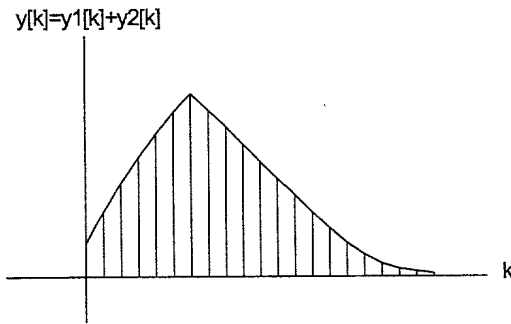
Figure 3N

$$y[0] = g[0]$$
$$y[1] = g[0] + g[1]$$
$$y[2] = g[0] + g[1] + g[2]$$
$$y[3] = g[0] + g[1] + g[2] + g[3]$$
$$y[4] = g[0] + g[1] + g[2] + g[3] + g[4]$$
$$y[5] = g[0] + g[1] + g[2] + g[3] + g[4] + g[5]$$
$$y[6] = g[0] + g[1] + g[2] + g[3] + g[4] + g[5] + g[6]$$
$$y[7] = g[1] + g[2] + g[3] + g[4] + g[5] + g[6] + g[7]$$
$$y[8] = g[2] + g[3] + g[4] + g[5] + g[6] + g[7] + g[8]$$
$$y[9] = g[3] + g[4] + g[5] + g[6] + g[7] + g[8] + g[9]$$

· · · ·

· · · ·

Figure 4

$$y[N-1] = g[N-7] + g[N-6] + g[N-5] + g[N-4] + g[N-3] + g[N-2] + g[N-1] + g[N]$$

$$y[N] = g[N-6] + g[N-5] + g[N-4] + g[N-3] + g[N-2] + g[N-1] + g[N]$$

$$y[N+1] = g[N-5] + g[N-4] + g[N-3] + g[N-2] + g[N-1] + g[N]$$

$$y[N+2] = g[N-4] + g[N-3] + g[N-2] + g[N-1] + g[N]$$

$$y[N+3] = g[N-3] + g[N-2] + g[N-1] + g[N]$$

$$y[N+4] = g[N-2] + g[N-1] + g[N]$$

$$y[N+5] = g[N-1] + g[N]$$

$$y[N+6] = g[N]$$

$$y[N+7] = 0$$

. . .

. . .

. . .

Figure 5

					Column			
	1	2	3	4	5	6	7	8
Row 1	g[0]	g[1]	g[2]	g[3]	g[4]	g[5]	g[6]	g[7]
2	g[8]	g[9]	g[10]	g[11]	g[12]	g[13]	g[14]	g[15]
3	g[16]	g[17]	g[18]	g[19]	g[20]	g[21]	g[22]	g[23]
4	g[24]	g[25]	g[26]	g[27]	g[28]	g[29]	g[30]	g[31]
5	g[32]	g[33]	g[34]	g[35]	g[36]	g[37]	g[38]	g[39]
6	g[40]	g[41]	g[42]	g[43]	g[44]	g[45]	g[46]	g[47]
7	g[48]	g[49]	g[50]	g[51]	g[52]	g[53]	g[54]	g[55]
8	g[56]	g[57]	g[58]	g[59]	g[60]	g[61]	g[62]	g[63]

Figure 6A

Row	Column							
	1	2	3	4	5	6	7	8
1	g[0]	g[8]	g[16]	g[24]	g[32]	g[40]	g[48]	g[56]
2	g[1]	g[9]	g[17]	g[25]	g[33]	g[41]	g[49]	g[57]
3	g[2]	g[10]	g[18]	g[26]	g[34]	g[42]	g[50]	g[58]
4	g[3]	g[11]	g[19]	g[27]	g[35]	g[43]	g[51]	g[59]
5	g[4]	g[12]	g[20]	g[28]	g[36]	g[44]	g[52]	g[60]
6	g[5]	g[13]	g[21]	g[29]	g[37]	g[45]	g[53]	g[61]
7	g[6]	g[14]	g[22]	g[30]	g[38]	g[46]	g[54]	g[62]
8	g[7]	g[15]	g[23]	g[31]	g[39]	g[47]	g[55]	g[63]

Figure 6B